

Serial No. 09/985,905
Amdt. dated **November 30, 2004**
Reply to Office Action of September 7, 2004

Docket No. MRE-0037

Amendments to the Specification:

Please replace the paragraph on page 1, line 17 through page 2, line 9 with the following amended paragraph:

Generally, a fingerprint recognizing device is a device which generates and outputs an image of a fingerprint formed on a finger of a person as an optical image. As disclosed in the Korean Patent Application No. 1998-0036742 "Contact light emitting device and fabricating method therefore and contact input apparatus using the same" and as shown in Fig. 1, the fingerprint recognizing device includes a transparent electrode layer 2 to which one terminal of an AC power source is connected, a light emitting layer 3 formed on the transparent electrode layer 2 and forming an electric field between the transparent electrode layer 2 and a finger 10 forming a ground contact when being contacted with the finger 10 and emitting light by this electric ~~field~~field for generating an optical fingerprint image according to ridge lines 10a of a fingerprint image formed on the finger 10, and a transparent insulating layer 1 formed at the bottom of the transparent electrode layer 2 and for transmitting the optical image generated from the light emitting layer 3.

Please replace the paragraph on page 3, line 11 through line 27 with the following amended paragraph:

To achieve the above object, there is provided a fingerprint recognizing device comprising: a transparent electrode layer to which one terminal of an AC power source is

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connected; a light emitting layer formed on the transparent electrode layer and forming an electric field between the transparent electrode layer and a finger forming a ground contact when being contacted with the finger and emitting light by this electric field-field for generating an optical fingerprint image according to ridge lines of a fingerprint image formed on the finger; a plurality of patterned floating electrodes arranged on the surface of the light emitting layer at a predetermined interval and turned on/off to output the optical fingerprint image; and a transparent insulating layer formed at the bottom of the transparent electrode layer and for transmitting the optical image generated from the light emitting layer.

Please replace the paragraph on page 5, line 14 through page 6, line 4 with the following amended paragraph:

As illustrated in Figs. 2 and 3, the fingerprint recognizing device according to the present invention includes: a transparent electrode 2 to which one terminal of an AC power source is connected; a light emitting layer 3 formed on the transparent electrode layer 2 and forming an electric field between the transparent electrode layer 2 and a finger 10 forming a ground contact when being contacted with the finger 10 and emitting light by this electric field-field for generating an optical fingerprint image according to ridge lines 10a of a fingerprint image formed on the finger 10; a plurality of patterned floating electrodes 11 arranged on the surface of the light emitting layer 3 at a predetermined interval and turned on/off to output the optical

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fingerprint image and a transparent insulating layer 1 formed at the bottom of the transparent electrode layer 2 and for transmitting the optical image generated from the light emitting layer 3.